

IN THE CLAIMS

1. (Canceled)

2. (Previously Presented) A compact disc processing system comprising:

a printer for printing indicia on a first compact disc;

a recorder for recording information on the first compact disc; and

a transporter carriage for gripping the first compact disc and moving the first compact disc between the recorder and printer, the transporter carriage comprises a single gripping head rotatable about a horizontal axis and having first and second gripping locations each for respectively gripping and directly holding the first and a second compact disc simultaneously by the single gripping head, such that the first and second compact discs are held in fixed relative positions coextensive along a common axis in different planes while the first and second compact discs are engaged by the single gripping head; wherein the transporter carriage grips the first and second compact discs using a vacuum.

3. (Canceled).

4. (Previously Presented) The compact disc processing system of claim 2 wherein the transporter carriage is movable in both a horizontal and vertical direction.

5. (Previously Presented) A compact disc processing system comprising:

a printer for printing indicia on a first compact disc;

a recorder for recording information on the first compact disc; and

a transporter carriage for holding the first compact disc and moving the first compact disc between the recorder and printer, the transporter carriage comprises a single gripping head rotatable about a horizontal axis and having first and second gripping locations each for respectively holding the first and a second compact disc simultaneously, such that the first and second compact discs are held in fixed relative positions coextensive along a common axis in different planes while the first and second compact discs are engaged by the gripping head; and a compact disc organizer comprising:

a plurality of disc trays; and

a selection mechanism coupled to the plurality of disc trays for selectively moving the plurality of disc trays such that the first compact disc can be placed on the selected disc tray for temporary storage.

6. (Currently Amended) A compact disc processing system comprising:

- a printer for printing indicia on a first compact disc;
- a recorder for recording information on the first compact disc; and
- a transporter carriage for gripping the first compact disc and moving the first compact disc between the recorder and printer, the transporter carriage comprises a single gripping head rotatable about a horizontal axis and having first and second gripping locations each for respectively gripping and directly holding the first and a second compact disc simultaneously by the single gripping head, such that the first and second compact discs are held in fixed relative positions coextensive along a common axis in different planes while the first and second compact discs are engaged by the single gripping head; further comprising a supply location having a vertically extending rod sized ~~to~~ to fit within a central opening provided in the first compact disc.

7. (Previously Presented) A compact disc processing system comprising:

- a printer for printing indicia on a first compact disc;
- a recorder for recording information on the first compact disc; and
- a transporter carriage for gripping the first compact disc and moving the first compact disc between the recorder and printer, the transporter carriage comprises a single gripping head rotatable about a horizontal axis and having first and second gripping locations each for respectively gripping and directly holding the first and a second compact disc simultaneously by the single gripping head, such that the first and second compact discs are held in fixed relative positions coextensive along a common axis in different planes while the first and second compact discs are engaged by the single gripping head; wherein the gripping head includes a motor for selectively rotating the first compact disc about its axis.

8. (Previously Presented) A compact disc processing system comprising:

- a printer for printing indicia on a first compact disc;

a recorder for recording information on the first compact disc; and

a transporter carriage for gripping the first compact disc and moving the first compact disc between the recorder and printer, the transporter carriage comprises a single gripping head rotatable about a horizontal axis and having first and second gripping locations each for respectively gripping and directly holding the first and a second compact disc simultaneously by the single gripping head, such that the first and second compact discs are held in fixed relative positions coextensive along a common axis in different planes while the first and second compact discs are engaged by the single gripping head; wherein the first and second gripping locations are located on opposite sides of the gripping head and can selectively grip the first and second compact discs using a vacuum.

9. (Canceled).

10. (Previously Presented) A compact disc processing system comprising:

a supply station for gripping a plurality of blank compact discs;

a printer for printing indicia on a first compact disc, the printer includes an extendable drawer adapted to receive the first compact disc;

a recorder for recording information on the first compact disc, the recorder includes an extendable drawer to receive the first compact disc; and

a transporter carriage for simultaneously gripping the first and second compact discs on first and second planes, the transporter carriage is movable in both vertical and a horizontal directions to place and pick up the first compact disc from the drawers of both the recorder and printer, the transporter carriage is movable in both vertical and a horizontal directions to pick up one of the plurality of blank compact discs held at the supply location,

the transporter carriage comprises a pickup arm and a gripping head attached to one end of the pickup arm, the gripping head has first and second gripping locations each for respectively gripping the first and second compact discs simultaneously, such that the first and second compact discs maintain a fixed axial position while engaged by the gripping head, and the gripping head is rotatable about a horizontal axis of the pick up arm; wherein the supply station includes a vertically extending rod sized to fit within a central opening provided in the plurality of blank discs.

11. (Currently Amended) A compact disc processing system comprising:

- a supply station for gripping a plurality of blank compact discs;
- a printer for printing indicia on a first compact disc, the printer includes an extendable drawer adapted to receive the first compact disc;
- a recorder for recording information on the first compact disc, the recorder includes an extendable drawer to receive the first compact disc; and
- a transporter carriage for simultaneously gripping the first and second compact discs on first and second planes, the transporter carriage is movable in both vertical and a horizontal directions to place and pick up the first compact disc from the drawers of both the recorder and printer, the transporter carriage is movable in both vertical and a horizontal directions to pick up one of the plurality of blank compact discs held at the supply location,
- the transporter carriage comprises a pickup arm and a gripping head attached to one end of the pickup arm, the gripping head has first and second gripping locations each for respectively gripping the first and second compact discs simultaneously, such that the first and second compact discs maintain a fixed axial position while engaged by the gripping head, and the gripping head is rotatable about a horizontal axis of the pick up arm; further comprising a compact disc organizer comprising:
 - a plurality of disc trays; and
 - a selection mechanism coupled to the plurality of disc trays for selectively moving the plurality of disc trays such that the first compact disc can be placed on the selected ~~disc tray~~ disc tray for storage.

12. (Previously Presented) A compact disc processing system comprising:

- a supply station for gripping a plurality of blank compact discs;
- a printer for printing indicia on a first compact disc, the printer includes an extendable drawer adapted to receive the first compact disc;
- a recorder for recording information on the first compact disc, the recorder includes an extendable drawer to receive the first compact disc; and
- a transporter carriage for simultaneously gripping the first and second compact discs on first and second planes, the transporter carriage is movable in both vertical and a horizontal

directions to place and pick up the first compact disc from the drawers of both the recorder and printer, the transporter carriage is movable in both vertical and a horizontal directions to pick up one of the plurality of blank compact discs held at the supply location,

the transporter carriage comprises a pickup arm and a gripping head attached to one end of the pickup arm, the gripping head has first and second gripping locations each for respectively gripping the first and second compact discs simultaneously, such that the first and second compact discs maintain a fixed axial position while engaged by the gripping head, and the gripping head is rotatable about a horizontal axis of the pick up arm; wherein the first and second gripping locations are located on opposite sides of the gripping head and can selectively grip the first and second compact discs using a vacuum.

13-27. (Canceled)

28. (Original) A compact disc processing system comprising:

a printer for printing indicia on a first compact disc;

a recorder for recording information on the first compact disc;

a transporter carriage moveable in both a horizontal and a vertical direction, the transporter carriage comprises a gripping head that is rotatable about a horizontal axis, the gripping head includes first and second gripping locations to respectively hold the first and a second compact disc on first and second parallel planes, wherein the first and second compact discs maintain a fixed axial relation while engaged by the gripping head; and

a vacuum pump coupled to the gripping head to selectively provide a vacuum to the first and second gripping locations.

29. (Original) The compact disc processing system of claim 28 wherein the vacuum pump is attached to the gripping head.

30. (Canceled)

31. (Previously Presented) A compact disc processing system comprising:

a printer for printing indicia on a first compact disc;

a recorder for recording information on the first compact disc;

a transporter carriage moveable in both a horizontal and a vertical direction; and
a gripping head coupled to the transporter carriage and rotatable about a horizontal axis, the gripping head includes first and second gripping locations to respectively hold the first and a second compact disc on first and second parallel planes, the first gripping location comprises a centering feature to axially align the first compact disc with the first gripping location, wherein the first and second compact discs are held in fixed axial positions while the first and second compact discs are engaged by the gripping head; wherein the centering feature comprises a plurality of deflectable fingers which extend from the gripping head, wherein during operation the plurality of deflectable fingers extend into a central opening of the first compact disc.

32. (Currently Amended) The compact disc processing system of claim 5 further comprising a supply location having a vertically extending rod sized ~~to~~ to fit within a central opening provided in the first compact disc.

33. (Previously Presented) The compact disc processing system of claim 5 wherein the gripping head includes a motor for selectively rotating the first compact disc about its axis.

34. (Previously Presented) The compact disc processing system of claim 5 wherein the first and second gripping locations are located on opposite sides of the gripping head and can selectively grip the first and second compact discs using a vacuum.